REMARKS

The amendments to the Abstract remove phrases "is provided". The amendments to claims 1, 9, and 17 are supported by the original disclosure of Figure 2 where and by original claims 2-3, 10-11 and 18-19. Applicant submits that the amendments do not add any new matter to the disclosure.

Applicant has submitted a revised Abstract in response to the objection. Applicant submits that the revised Abstract is now in compliance with MPEP guidelines.

Applicant submits that the amendment to claims 1, 9, and 17 (incorporating limitations from claims 2-3, 10-11 and 18-19 respectively) now properly reference the separate control signals being input to each device.

The invention centers on active resistor networks where the non-linearity of a first type of FET providing the resistor behavior is regulated by incorporation of a complementary type FET and by providing separate control signals to these active devices. The invention enables use of active resistor networks in a wider variety of situations.

Ilkbahar discloses an active device termination circuit where having different type FETs in parallel where each FET is connected to a common control signal. Ilkbahar does not disclose or suggest an active resistor network where different FET types are coupled with different control signals.

Starr discloses an active device termination circuit where having different type FETs in parallel where each FET is connected to an unspecified control signal. Starr does not disclose or suggest an active resistor network wher

different FET types are coupled with different control signals.

For the above reasons, applicants submit that the claims are patentable over the prior art of record and that the application is in condition for allowance. Such allowance is earnestly and respectfully solicited.

Respectfully submitted,
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